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ANALYSIS  
DIVISION

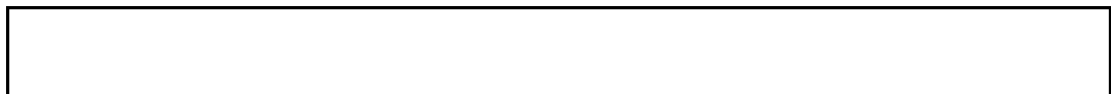
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PHOTOGRAPHIC INTELLIGENCE REPORT

CHI-MO MILITARY INSTALLATIONS

CHI-MO

CHINA



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CIA/PIR 77066

DATE SEPTEMBER 1966

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CIA IMAGERY ANALYSIS DIVISION

CHI-MO MILITARY INSTALLATIONS

CHI-MO, CHINA

36 23N-120 27E

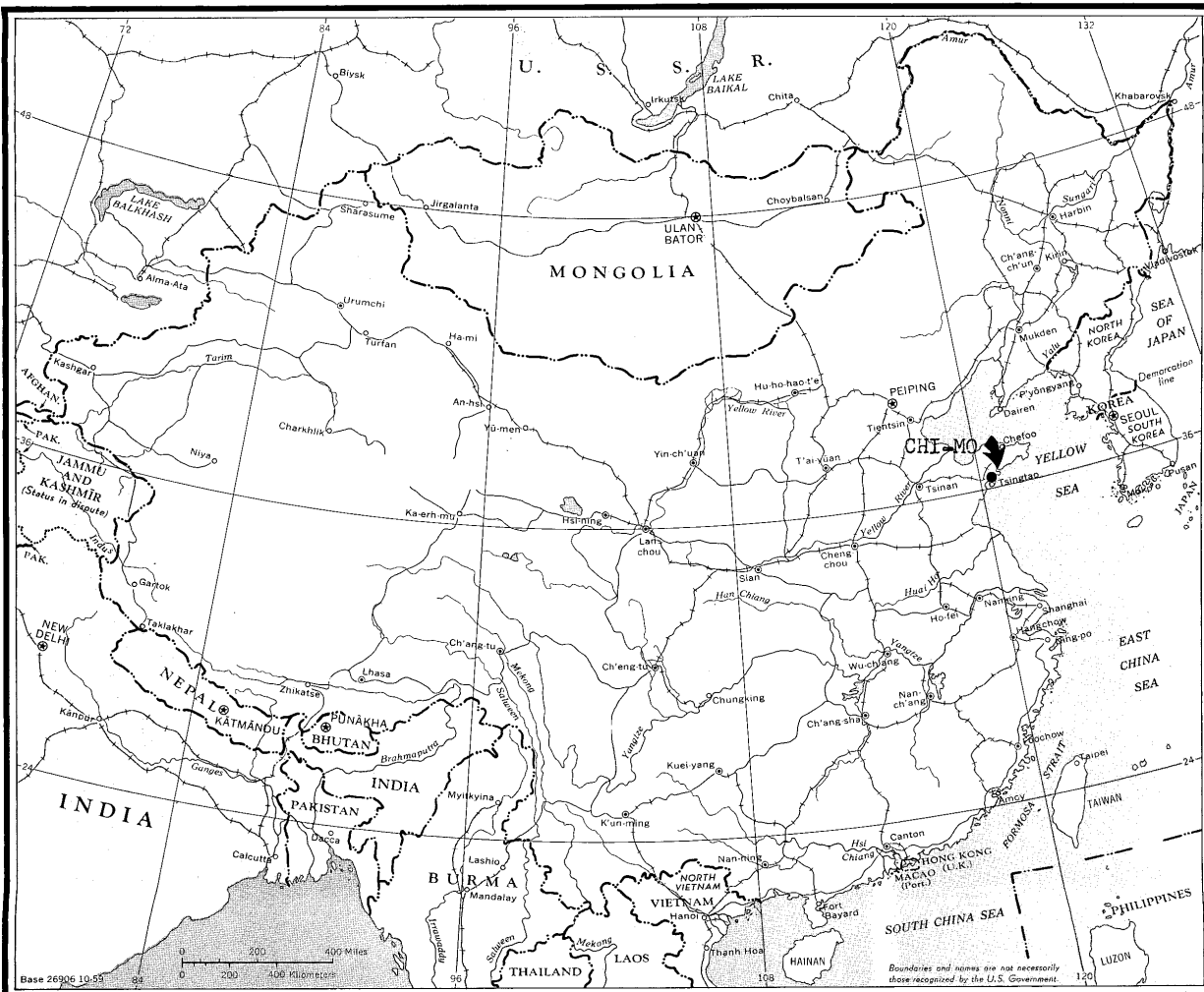
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FIGURE 1



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CHI-MO MILITARY AREAS

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PREFACE

Chi-mo is located in southwestern Shangtung Province, approximately 20 nm north of Ch-ing-tao (Tsing-tao) at 36 24N-120 27E.

The Chi-mo Military Installations consist of eight individual areas which are located at distances of 3 - 15 nm east and northeast of Chi-mo.

The primary purpose of this report is to analyze and annotate photographs of each installation in this area and identify by type and grouping all vehicles and equipment within these installations.

Building dimensions are given for only the tank/assault gun maintenance and storage buildings and vehicle/equipment storage buildings. All measurements are approximate, obliquity precluding accurate mensuration.

The following designations are used in this report to identify the individual military installations located east and northeast of Chi-mo.

<u>FIGURE</u>	<u>NPIC NUMBER</u>	<u>INSTALLATION NAME</u>	<u>COORDINATES</u>
3	0381-7A	Chi-mo Military Installations	36 23N-120 31E
4	0381-7C	Chi-mo Military Installation	36 23N-120 32E
5	None	Chi-mo Tank/Assault Gun Storage and Maintenance Installation	36 23N-120 33E
6	None	Chi-mo Driver Training Area	36 23N-120 33E
7	0381-7B	Chi-mo Military Camp	36 27N-120 31E
8	0381-139B	Hsi-tien Military Installation	36 26N-120 39E
9	0381-139B	Hsi-tien Military Installation	36 26N-120 39E
10	None	Tien-chi Probable Artillery Battalion	36 33N-120 51E

For purposes of orientation the Chi-mo Military Installations are depicted on Figure 2.

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## CIA IMAGERY ANALYSIS DIVISION

## CHI-MO MILITARY INSTALLATIONS

36 23N-120 13E

(See Figure 3)

- I. This military installation is located approximately 3 nm east of Chi-mo on the road to Ao-shan-wei.

Comparative photography reveals that there has not been a recent increase in the level of activity or any new construction. The number, type, and distribution of buildings in this installation indicates that it could possibly contain a headquarters battalion, an infantry battalion, and a motorized support group.

## II. FUNCTIONAL AREAS

A. Probable Administration and Billeting Area

- 1 Probable administration building
- 18 Probable barracks
- 2 Possible security buildings
- 8 Possible support buildings

B. Probable Administration and Billeting Area

- 1 Probable administration building
- 20 Probable barracks
- 2 Probable barracks located in a secured area (possible guardhouses)
- 2 Probable messhalls
- 11 Possible storage/support buildings
- 2 Probable maintenance buildings

C. Probable Vehicle Storage/Maintenance Area

<u>BIDG NO.</u>	<u>SIZE</u>	<u>FUNCTION</u>
1.	90 X 30'	Probable vehicle storage building
2.	95 X 30'	Probable vehicle storage building
3.	95 X 30'	Probable vehicle storage building
4.	95 X 30'	Probable vehicle storage building
5.	95 X 30'	Probable vehicle storage building

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<u>BLDG NO.</u>	<u>SIZE</u>	<u>FUNCTION</u>
6.	95 X 30'	Probable storage building
7.	95 X 35'	Probable maintenance building
8.	95 X 30'	Probable storage building

- 2 Probable refueling buildings
- 1 Probable multistoried barracks
- 1 Probable water/POL storage tank
- 1 Grease rack
- 1 Animal pen

Four probable ZIL-157 trucks and 3 possible trailers are observed on [ ] and numerous unidentified crates and supplies are stacked on the ground between buildings 5 and 6, and in front of building 7.

D. Probable Billeting Area

- 4 Probable barracks
- 1 Probable messhall
- 8 Probable storage/support buildings
- 1 Large animal pen

Numerous crates and supplies are lying uncovered on the ground next to the animal pens.

E. Probable Support Area

- 4 Probable storage buildings
- 2 Probable support buildings

A security wall surrounds this area.

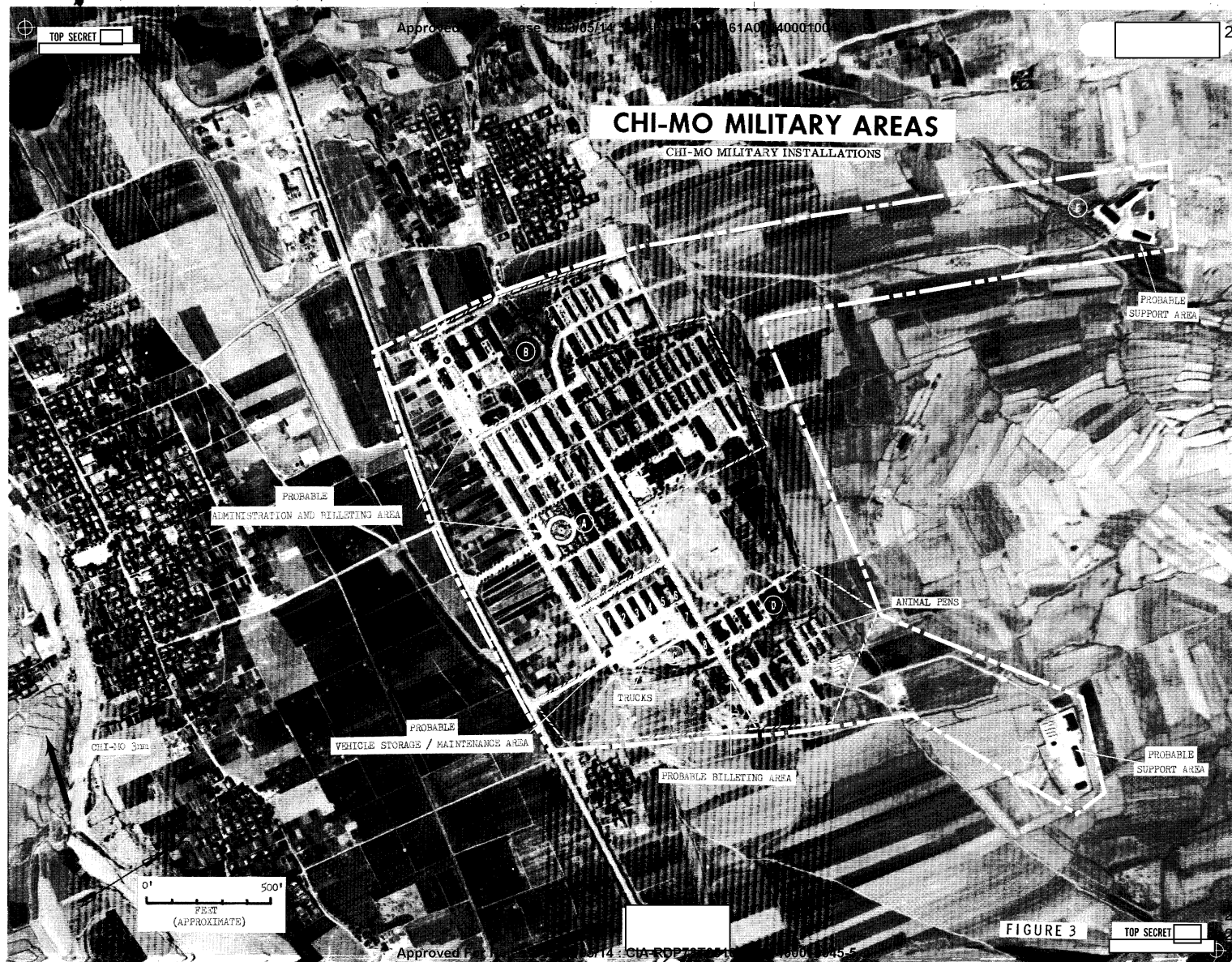
F. Probable Support Area

- 3 Probable storage buildings
- 1 Probable support building

A security wall surrounds this area. Stacks of material in open storage are observed on [ ]

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CHI-MO MILITARY INSTALLATION  
36 23N-120 32E  
(See Figure 4)

I. This installation is located approximately 4 nm east of Chi-mo on the road to Ao-shan-wei and contains a probable vehicle storage and maintenance facility and an associated support area.

II. FUNCTIONAL AREAS

A. Probable Vehicle Storage and Maintenance Installation

<u>BLDG NO.</u>	<u>SIZE</u>	<u>FUNCTION</u>
1.	60 X 35'	Probable drive-through maintenance building
2.	60 X 35'	Probable vehicle storage building
3.	85 X 35'	Probable vehicle storage building
4.	60 X 35'	Probable vehicle storage building
5.	60 X 20'	Probable storage/support building

2 Grease racks

The area is surrounded by a security wall.

B. Probable Billeting Area

13 Probable barracks  
1 Probable messhall  
3 Probable storage/support buildings

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# CHI-MO MILITARY AREAS

CHI-MO MILITARY INSTALLATION

PROBABLE VEHICLE STORAGE AND MAINTENANCE  
INSTALLATION



PROBABLE BILLETING AREA

CHI-MO 4 nm

0' 500'

FEET  
(APPROXIMATE)

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FIGURE 4

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## CIA IMAGERY ANALYSIS DIVISION

## CHI-MO TANK/ASSAULT GUN STORAGE AND MAINTENANCE INSTALLATION

36 23N-120 33E

(See Figure 5)

- I. This installation is located approximately 6 nm east of Chi-mo on the road to Ao-shan-wei and consists of a probable tank/assault gun storage and maintenance facility plus an associated support area. Also within the installation is an area which could possibly contain an infantry unit of battalion size.

Comparative photography reveals a high degree of activity within the area and in the associated tracked-vehicle driver-training area. Within this installation there has been a marked increase in new building construction [REDACTED] (See Figure 5 for newly constructed buildings).

## II. FUNCTIONAL AREAS

A. Probable Tank/Assault Gun Storage and Maintenance Installation

<u>BLDG NO.</u>	<u>SIZE</u>	<u>FUNCTION</u>
1.		Refueling station
2.		Refueling station
3.		Grease racks
4.	65 X 35'	Drive-through maintenance building
5.	135 X 35'	Drive-through maintenance building
6.	35 X 30'	Storage/support building
7.	100 X 30'	Vehicle storage building
8.	35 X 20'	Storage/support building
9.	85 X 35'	Vehicle storage building
10.	110 X 35'	Vehicle storage building
11.	50 X 35'	Storage/support building
12.	80 X 35'	Vehicle storage building
13.	60 X 35'	Vehicle storage building
14.	50 X 20'	Maintenance building
15.	35 X 20'	Maintenance building
16.	35 X 20'	Storage/support building
17.	50 X 20'	Storage/support building
18.	40 X 20'	Storage/support building
19.	[REDACTED]	Storage/support building
20.	50 X 20'	Storage/support building

The entire area is secured by a wall.

- 6 -

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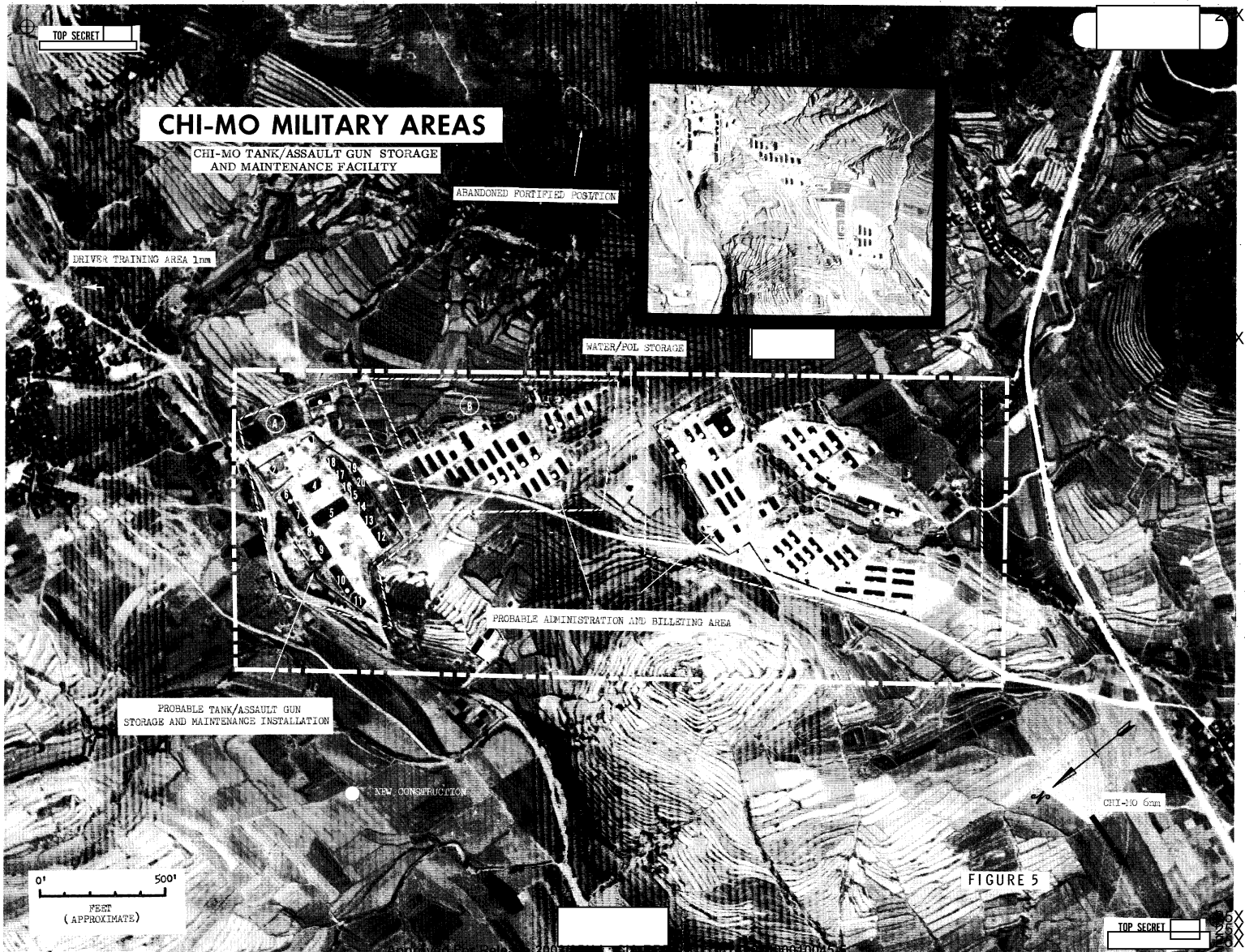
B. Probable Administration and Billeting Area

- 19 Probable barracks
- 1 Probable messhall/administration building
- 4 Probable storage/support buildings
- 4 Possible maintenance buildings

C. Probable Administration and Billeting Area

- 33 Probable barracks
- 1 T-shaped probable auditorium/administration building
- 1 Probable messhall
- 10 Possible storage/support buildings

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CHI-MO DRIVER TRAINING AREA

36 23N-120 33E

(See Figure 6)

The area is located approximately 1.0 nm north of the tank/assault gun installation (See Figure 5). Photography reveals recent ground scarring which indicates a high level of activity at this area. No vehicles were observed on this mission.

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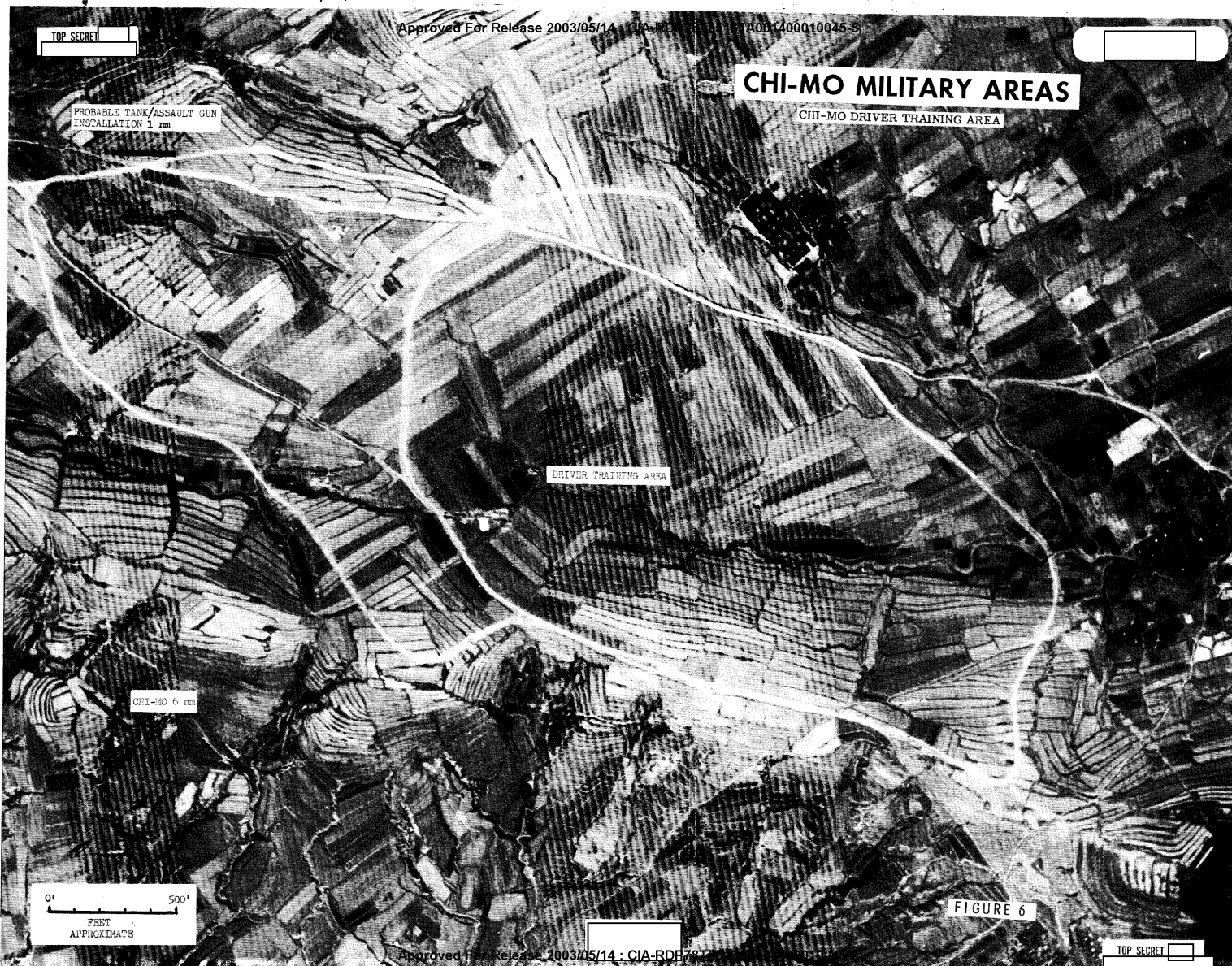
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CHI-MO MILITARY CAMP

36 27N-120 33E

(See Figure 7)

- I. This installation is located approximately 4.5 nm east-northeast of Chi-mo on the road to Tien-chi.

This installation could possibly contain a headquarters battalion and two infantry battalions. Comparative photography reveals no new construction and ground scarring indicates only a moderate degree of activity.

There were no vehicles or other military equipment observed on this mission [REDACTED] There is also an absence of firing ranges and other training facilities.

II. FUNCTIONAL AREA

A. Probable Administration and Billeting Area

- 1 Probable administration building
- 22 Probable barracks
- 2 Possible security buildings
- 2 Probable messhalls
- 13 Probable storage/support buildings

B. Probable Administration and Billeting Area

- 16 Probable barracks
- 1 Probable auditorium/administration building
- 1 Probable messhall
- 3 Probable storage/support buildings

C. Probable Billeting and Support area

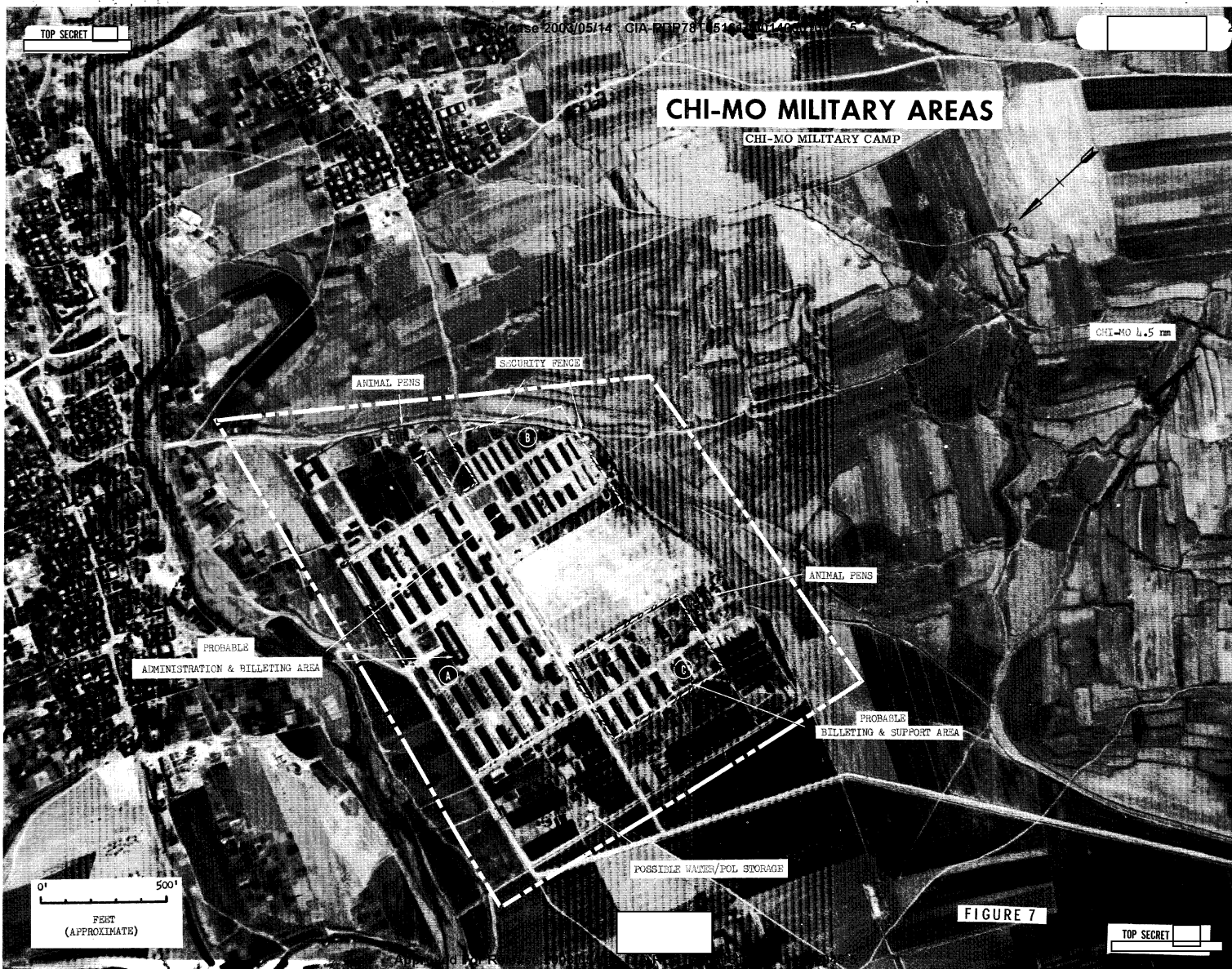
- 11 Probable barracks
- 3 Probable storage/support buildings

The entire area is secured by a combination of walls and security fences.

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## CIA IMAGERY ANALYSIS DIVISION

## HSI-TIEN MILITARY INSTALLATION

36 26N-120 39E

(See Figure 8)

- I. This installation is located on the south side of Hsi-tien, approximately 9.5 nm from Chi-mo. This installation consists of a possible headquarters unit and a small storage/support area.

Photography reveals only a moderate level of activity in this area.

## II. FUNCTIONAL AREAS

A. Probable Administration and Billeting Area

- 1 Probable T-shaped administration building
- 2 Possible L-shaped barracks
- 1 Possible security building
- 1 Probable auditorium/administration building
- 1 Possible messhall
- 6 Probable storage/support buildings
- 2 Water towers/POL storage tanks

This installation is partially surrounded by a security fence.

B. Probable Storage/Support Area

- 1 Probable vehicle storage/maintenance building
- 3 Probable storage buildings
- 1 Possible support building

This area is not surrounded by a wall or security fence.

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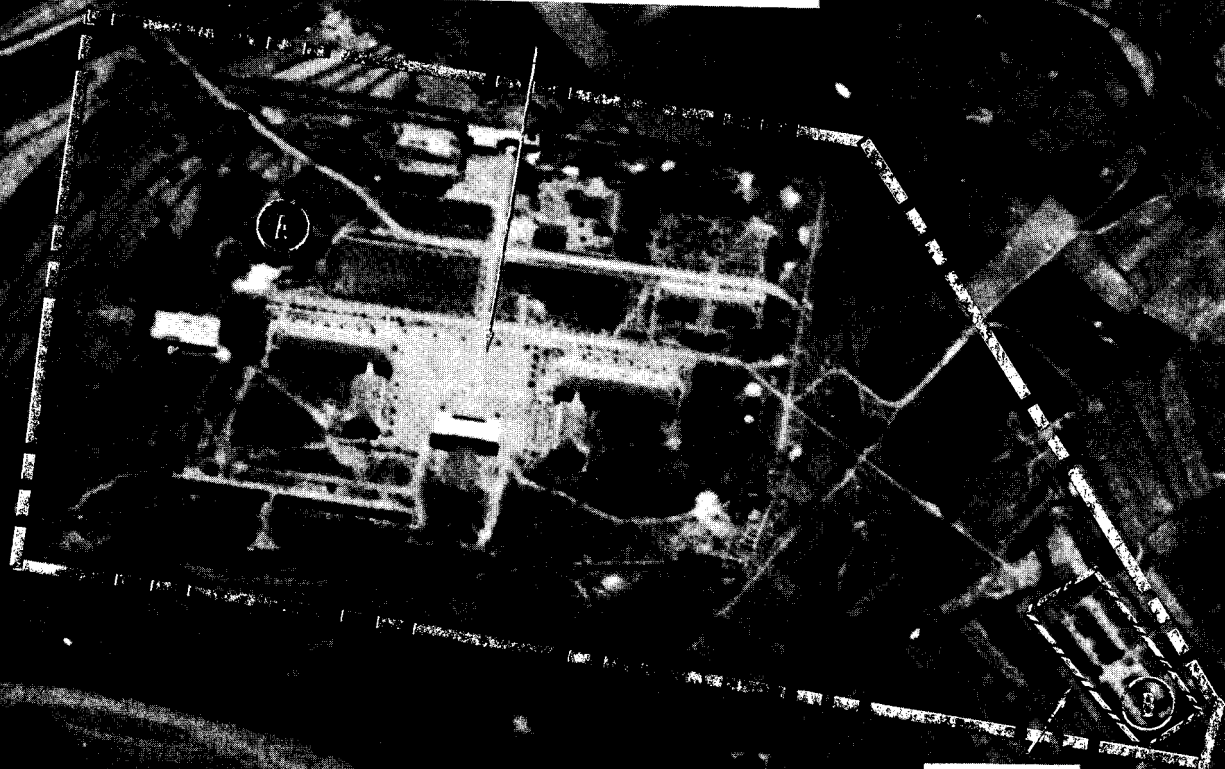
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# CHI-MO MILITARY AREAS

HSI-TIEN MILITARY INSTALLATION

PROBABLE

ADMINISTRATION AND BILLETING AREA



CHI-MO 9.5 mm

PROBABLE

STORAGE/SUPPORT AREA

0' 500'  
FEET  
(APPROXIMATE)

FIGURE 8

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## CIA IMAGERY ANALYSIS DIVISION

## HSI-TIEN MILITARY INSTALLATION

36 26N-120 39E

(See Figure 9)

- I. This installation is located on the north side of Hsi-tien, approximately 10 nm east-northeast of Chi-mo and consists of a possible headquarters unit and an attached artillery unit of undetermined size. Comparative photography reveals only a moderate level of activity in this area and no new building construction.

## II. FUNCTIONAL AREAS

A. Administration and Billeting Area

- 1 H-shaped probable administration building
- 3 Probable barracks
- 2 Possible security buildings
- 1 Probable messhall
- 5 Probable storage/support buildings
- 1 Probable water storage tank

The entire area is surrounded by a security road, fence, and wall. Numerous trees have been planted along the wall.

B. Probable Artillery Park

- 3 Probable barracks
- 1 H-shaped probable messhall
- 1 Probable auditorium/drill hall

The area is partially surrounded by a security wall. Three possible ZIL-157 trucks and 4 probable 122 howitzers are observed on [REDACTED]

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# CHI-MO MILITARY AREAS

HSI-TIEN MILITARY INSTALLATION

ADMINISTRATION AND BILLETING AREA

4 PROBABLE 122 mm HOWITZERS  
AND  
3 TRUCKS

CHI-MO 10 mm

PROBABLE ARTILLERY PARK

0' 500'  
FEET  
(APPROXIMATE)

FIGURE 9

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TIEN-CHI PROBABLE ARTILLERY BATTALION  
36 33N-120 41E  
(See Figure 10)

I. The installation is located approximately 14.5 nm east-northeast of Chi-mo in the village of Tien-chi and probably contains an artillery battalion and a headquarters/infantry unit. Again there is an absence of firing ranges and other training facilities. Comparative photography reveals no new construction and a moderate level of activity.

II. FUNCTIONAL AREAS

A. Probable Administration and Billeting Area

- 1 Probable administration building
- 15 Probable barracks
- 2 Possible security buildings
- 1 Probable messhall
- 2 Possible storage/support buildings

B. Probable Support Area

- 2 Probable vehicle storage/maintenance buildings
- 5 Possible storage buildings
- 12 Probable storage/support buildings
- 1 Possible storage/support building
- 5 Support buildings

C. Artillery Park

- 1 Probable administration building
- 12 Probable barracks
- 1 Probable messhall
- 4 Probable vehicle storage/maintenance buildings
- 16 Probable storage/support buildings

Twenty-three possible AT-T prime movers, 10 possible ZIL-157 cargo trucks, 12 probable 122 mm howitzers, 16 probable 76 mm field guns, and 12 probable 160 mm mortars are observed [REDACTED]

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## CHI-MO MILITARY AREAS

TIEN-CHI PROBABLE ARTILLERY BATTALION

PROBABLE ADMINISTRATION AND BILLETING AREA

PROBABLE ARTILLERY BATTALION

PROBABLE SUPPORT AREA

ARTILLERY PARK

7 POSSIBLE AT-T PRIME MOVERS

12 PROBABLE 160 mm MORTARS

16 PROBABLE 76 mm FIELD GUNS  
AND 16 POSSIBLE AT-T PRIME MOVERS

12 PROBABLE 122 mm HOWITZERS  
AND 10 PROBABLE TRUCK PRIME MOVERS

CHI-MO 14.5 mm

FIGURE 10

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MAPS AND CHARTS

U.S. Air Target Series 200, Sheet 0381-24HL, 3rd Edition, May 1964  
(SECRET).

DOCUMENT

DIA. Order of Battle Chinese Communist Army AP-220-1-2-66 INT.,  
1 April 1966 (SECRET).

REQUIREMENT

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